

CHECKLIST OF THE SCALE INSECTS (COCCOIDEA: HOMOPTERA) OF MEXICO

DOUGLASS R. MILLER

Systematic Entomology Laboratory, PSI, Agricultural Research Service, U.S. Dept. Agriculture, Building 046, BARC-W, Beltsville, MD 20705, U.S.A.

Abstract.—The checklist includes 515 species-group names including 5 Acleridae, 11 Asterolecaniidae, 3 Cerococcidae, 63 Coccidae, 2 Conchaspididae, 4 Dactylopiidae, 224 Diaspididae, 15 Eriococcidae, 3 Halimococcidae, 4 Kermesidae, 5 Lecanodiaspididae, 20 Margarodidae, 16 Ortheziidae, 132 Pseudococcidae, and 8 Tachardiidae.

Key Words: Scale insect, Coccoidea, scale, mealybug, armored scale, soft scale, systematics, taxonomy, Mexico

Information on the scale insects of Mexico is scattered throughout the literature and often is found in publications that are not obvious sources of data on the Mexican Coccoidea. The purpose of this publication is to compile a checklist of the species known to occur in Mexico from all literature sources so that this information can be used for two additional projects. (1) An assessment of Mexican biodiversity that is being edited by four Mexican scientists entitled "Biodiversity, taxonomy and biogeography of Mexican arthropods: towards a synthesis"; (2) A database that is being developed by the Systematic Entomology Laboratory and the Entomological Collections Network called the "Biosystematic Information on Terrestrial Arthropods" which initially will develop a checklist of the arthropods of North America. State records within Mexico have been compiled either from the literature or from specimens deposited in the United States National Museum of Natural History, Beltsville, Maryland. In many instances species are known only from specimens taken at US ports-of-entry, and specific locality information is unknown.

Two species that I would expect to be common in Mexico each could be documented by only a single specimen taken at a United States port-of-entry with no specific locality information. These species have not been included in the list, because of insufficient data. They are *Pseudaulacaspis cockerelli* (Cooley) and *P. pentagona* (Targioni Tozzetti).

This checklist provides the valid name for each taxon known to occur in Mexico, a primary reference for each record, state records within Mexico, and an abbreviated synopsis of world distribution. Species epithets are given in alphabetical order within the genus followed by the author, a number that refers to a bibliographic reference, and locality information. United States Postal Service abbreviations are used for records from states in the U.S.

RESULTS

The list includes 15 families, 154 genera, and 515 species group names. Family representation is as follows: Acleridae 1 genus, 5 species; Asterolecaniidae 2 genera, 11 species; Cerococcidae 1 genus, 3 species; Coccidae 25 genera, 63 species; Con-

chaspidae 1 genus, 2 species; Dactylopiidae 1 genus, 4 species; Diaspididae 68 genera, 224 species; Eriococcidae 5 genera, 15 species; Halimococcidae 1 genus, 3 species; Kermesidae 3 genera, 4 species; Lecanodiaspididae 1 genus, 5 species; Margarodidae 8 genera, 20 species or subspecies; Ortheziidae 3 genera, 16 species; Pseudococcidae 31 genera, 132 species; Tachardiidae 2 genera, 8 species.

Aclerididae

Aclerda

- attenuata* Ferris 18 Mexico (Baja California), United States (TX)
manni McConnell 18 Mexico (Baja California)
mexicana McConnell 18 Mexico (Nuevo Leon)
oaxacaensis McConnell 18 Mexico (Oaxaca)
sinaloaensis McConnell 18 Mexico (Sinaloa)

Asterolecaniidae

Asterolecanium

- cristatum* Ferris 31 Mexico (Baja California)
epidendri Russell 31 Mexico (Chiapas, San Luis Potosí, Veracruz), most tropical areas
grandiculum Russell 31 Mexico (no specific locality), United States (AZ, NM)
inlabefactum Russell 31 Mexico (Veracruz)
pustulans (Cockerell) 31 Mexico (Baja California, Chihuahua, Colima, Sinaloa, Tamaulipas, Veracruz) most tropical and subtropical areas of Mexico and the United States
townsendi Cockerell 31 Mexico (Jalisco)
truncatum Russell 31 Mexico (Chiapas, Jalisco), Guatemala, Honduras
urichi Cockerell 31 Mexico (no specific locality), Brazil, Grenada, Nicaragua, Panama, Trinidad
- Sclerosococcus*
bromeliae McKenzie 15 Mexico (no spe-

cific locality), United States (FL), Peru

ferrisi McKenzie 15 Mexico (no specific locality)

Mycetococcus

corticis (Townsend and Cockerell) 8a Mexico (Sonora, Veracruz)

Cerococcidae

Cerococcus

- koebeleri* (Cockerell) 16 Mexico (Distrito Federal, Mexico)
russellae Kosztarab and Vest 16 Mexico (Morelos), Guatemala
zapotlanus (Cockerell) 16 Mexico (Jalisco)

Coccidae

Akermes

- colimae* Cockerell 3 Mexico (Colima)
townsendi (Cockerell) 3 Mexico (Tabasco)

Cardiococcus

umbonatus Cockerell 3 Mexico (Jalisco)

Ceroplastes

- albolineatus* volcanicus Cockerell 3 Mexico (Jalisco)
angulatus Cockerell 3 Mexico (Tabasco)
brachyurus Cockerell 3 Mexico (Jalisco), United States (AL, AZ)
cirripediformis Comstock 3 Mexico (Coahuila, Guanajuato, Veracruz), nearly cosmopolitan elsewhere
cistudiformis Cockerell 3 Mexico (Distrito Federal, Guanajuato, Jalisco, Veracruz), United States (CA), Cuba
coloratus Cockerell 3 Mexico (Tabasco)
dugesii Lichtenstein 3 Mexico (Distrito Federal, Guanajuato, Jalisco, Tabasco), United States (FL), throughout Neotropics
floridensis Comstock 3 Mexico (no specific locality), nearly cosmopolitan
irregularis Cockerell 3 Mexico (Chihuahua), United States (AZ, CA, ID, NV, NM, TX)
macgregori Sampedro and Butze 3 Mexico (Morelos)
marmoreus Cockerell 3 Mexico (Jalisco)

- minutus* Cockerell 3 Mexico (Tabasco)
purpurellus Cockerell 3 Mexico (Jalisco)
sinensis Del Guercio 3 Mexico (Veracruz), nearly cosmopolitan
- Ceroplastodes*
dugesii (Signoret) 3 Mexico (Chihuahua), United States (NM, KS)
- Coccus*
hesperidum Linnaeus 3, 10 Mexico (probably occurs in all states of Mexico), cosmopolitan
longulus (Douglas) 3, 10 Mexico (Chihuahua, Distrito Federal, Guerrero, Nuevo Leon, San Luis Potosí, Veracruz) nearly cosmopolitan
pseudomagnoliarum (Kuwana) 3 Mexico (no specific locality), Holarctic
viridis (Green) new record Mexico (Chiapas, Colima) most tropical and subtropical areas
- Ctenochiton*
aztecus Townsend and Cockerell 3 Mexico (Tabasco)
- Eulecanium*
subaustrale Cockerell 3 Mexico (Puebla?)
- Inglisia*
malvacearum Cockerell 3 Mexico (Morelos), United States (TX)
- Kilifia*
acuminata (Signoret) 3 Mexico (Chihuahua, Distrito Federal, Guerrero, Nuevo Leon, Veracruz), most tropical areas of the world, also greenhouses.
americana Ben-Dov 3 Mexico (Guanajuato, Nuevo Leon, San Luis Potosí, Veracruz), United States (TX)
- Megasaissetia*
inflata (Cockerell and Parrott) 3 Mexico (Veracruz)
- Mesolecanium*
impar (Cockerell) 3 Mexico (Tabasco), Guyana
nocturnum (Cockerell and Parrott) 3 Mexico (Veracruz)
perditum (Cockerell) 3 Mexico (Yucatan)
- Metapulvinaria*
lycii (Cockerell) 3 Mexico (Baja California), United States (AZ, CA, NM, TX)
- Milviscutulus*
mangiferae (Green) 3, 10 Mexico (Baja California, Chiapas, Colima, Guerrero, Jalisco, Morelos, Sinaloa, Tamaulipas, Veracruz), tropical
- Neolecanium*
chilaspidis (Cockerell) 3 Mexico (Oaxaca)
herrerae Cockerell 3 Mexico (Puebla)
imbricatum (Cockerell) 3 Mexico (Tamaulipas)
manzanillense Cockerell 3 Mexico (Colima)
plebeium Cockerell 3 Mexico (Colima)
sallei (Signoret) 3 Mexico (no specific locality)
tuberculatum (Townsend and Cockerell) 3 Mexico (Tabasco)
- Parasaissetia*
nigra (Nietner) 3 Mexico (Baja California, Chihuahua, Colima, Guanajuato, Guerrero, Jalisco, Michoacán, Morelos, Nayarit, Nuevo Leon, Oaxaca, Puebla, Queretaro, Sinaloa, Sonora), nearly cosmopolitan
- Pendularia*
jaliscensis (Cockerell and Cockerell) 3 Mexico (Jalisco)
- Philephedra*
colimensis (Cockerell) 3 Mexico (Colima)
crenatae (Cockerell) 3 Mexico (Tabasco)
lutea (Cockerell) 3 Mexico (Colima, Distrito Federal, Guerrero, Nuevo Leon, Veracruz), United States (TX), Guatemala
mimosae (Townsend and Cockerell) 3 Mexico (Tabasco)
parvula (Cockerell) 3 Mexico (Colima, Jalisco, Morelos), United States (AZ)
tuberculosa Nakahara 3 Mexico (no specific locality), United States (FL, TX), Colombia, Costa Rica, Guatemala, Nicaragua, Venezuela

Platysaissetia

castilloae (Cockerell) 3 Mexico (Tabasco)

Pseudokermes

armatus Cockerell 3 Mexico (Tabasco)

Protopulvinaria

pyriformis (Cockerell) 3, 10 Mexico (Chiapas), most tropical or subtropical areas

Pulvinaria

elongata Newstead 3 Mexico (Sinaloa), United States (FL, GA, LA); Australia, Africa, Neotropics, Morocco, Spain

peninsularis Ferris 3 Mexico (Baja California), United States (TX)

Saissetia

miranda (Cockerell and Parrott) 3 Mexico (Chihuahua, Coahuila, Durango, Guerrero, Jalisco, Mexico, Michoacán, Morelos, Nayarit, Puebla, San Luis Potosí, Sinaloa, Sonora, Zacatecas), nearly cosmopolitan

neglecta DeLotto 3 Mexico (Colima, Guerrero, Jalisco, Nayarit, Sinaloa, Sonora), United States (FL, HA, LA), Bermuda, Central America, Puerto Rico, Venezuela

oleae (Olivier) 3 Mexico (San Luis Potosí), nearly cosmopolitan

tolucana (Parrott and Cockerell) 3 Mexico (Mexico)

Schizochlamidia

mexicana Cockerell and Parrott 3 Mexico (Veracruz)

Tillanococcus

mexicana Ben-Dov 3 Mexico (no specific locality), Guatemala

tillandsiae Ben-Dov 3 Mexico (Morelos, Veracruz), Guatemala, Honduras

Toumeyella

cerifera Ferris 3 Mexico (Baja California), United States (AL, AR, FL, LA, NC, VA)

mirabilis (Cockerell) 3 Mexico (Baja California), United States (AZ)

sonorensis (Cockerell and Parrott) 3 Mexico (Sonora)

Conchaspidae

Conchaspis

angraeci Cockerell 1 Mexico (Distrito Federal, Jalisco, San Luis Potosí, Tamaulipas, Veracruz), United States (CA, FL), Neotropics; Africa, Australia

newsteadi Cockerell 1 Mexico (Veracruz)

Dactylopiidae

Dactylopius

coccus Costa 29 Mexico (Oaxaca), Peru; Canary Islands

confusus (Cockerell) 29 Mexico (Durango, Guerrero, Jalisco, Morelos, Nuevo Leon, Puebla, Sonora), United States (AZ, CA, CO, FL, ID, MN, NE, NM, NV, NY, OK, SC, SD, UT, WA), Bahamas, Canada, Haiti, Peru; Algeria, Australia, Mauritius, South Africa

opuntiae (Cockerell) 29 Mexico (Baja California, Distrito Federal, Durango, Hidalgo, Mexico, Michoacán, Morelos, Oaxaca, Tamaulipas), United States (AZ, CA, HA, TX), Brazil, Jamaica; Australia, France, India, Kenya, Madagascar, Mauritius, Pakistan, Reunion Islands, South Africa, Sri Lanka

tomentosus (Lamark) 29 Mexico (Baja California, Chihuahua, Oaxaca), United States (AZ, CA, NM, NV, TX, UT), Argentina; Australia, South Africa

Diaspididae

Abgrallaspis

cyanophylli (Signoret) 4, 27 Mexico (Chihuahua, Colima, Nuevo Leon, Queretaro, San Luis Potosí, Sonora, Tabasco, Veracruz), widespread in tropics and subtropics

flabellata (Ferris) 4 Mexico (Guerrero)

fraxini McKenzie 27 Mexico (no specific locality), United States (AZ, CA)

howardi (Cockerell) 27 Mexico (no specific locality), most of United States

- townsendi* (Cockerell) 27 Mexico (Coahuila), most of United States
- Acutaspis*
- agavis* (Townsend and Cockerell) 27 Mexico (Durango, Jalisco, Mexico, Nayarit, Nuevo Leon, Queretaro, San Luis Potosí, Veracruz, Zacatecas), United States (AZ, TX), Costa Rica, Trinidad, Venezuela
- albopicta* (Cockerell) 4, 27 Mexico (Chiapas, Coahuila, Colima, Distrito Federal, Durango, Guerrero, Hidalgo, Jalisco, Morelos, Nuevo Leon, San Luis Potosí, Sinaloa, Tamaulipas, Veracruz), United States (TX), Central America
- aliena* (Newstead) 4, 6, 27 Mexico (Chiapas, Jalisco, San Luis Potosí, Tamaulipas, Veracruz), United States (HA), Neotropics; United Kingdom
- decorosa* Ferris 4 Mexico (Baja California, Colima, Jalisco, Michoacán, Nayarit, Oaxaca, Sinaloa)
- perseae* (Comstock) 4, 27 Mexico (Nuevo Leon, San Luis Potosí, Veracruz, Yucatan) southeastern United States, Neotropics; Europe
- reniformis* (Cockerell) 4 Mexico (Oaxaca, Sonora)
- rhizophorae* (Cockerell) 4, 6 Mexico (Tabasco)
- scutiformis* (Cockerell) 4, 27 Mexico (Distrito Federal, Guerrero, Sinaloa), United States (TX), Argentina, Aruba, Brazil, Colombia, Guatemala
- tingi* McKenzie 4 Mexico (no specific location), Colombia
- Anceaspis*
- novemdentata* Ferris 4 Mexico (Baja California)
- quadridentata* Ferris 4 Mexico (Guerrero)
- tridentata* (Ferris) 4, 27 Mexico (Baja California), United States (AZ, TX)
- Annulaspis*
- singularis* McKenzie 4 Mexico (Baja California)
- Aonidiella*
- aurantii* (Maskell) 4, 27 Mexico (Distrito Federal, Jalisco, Nuevo Leon, San Luis Potosí, Sinaloa, Tamaulipas, Veracruz, Zacatecas), in nearly all citrus growing areas
- citrina* (Coquillett) 27 Mexico (Nuevo Leon), in nearly all citrus growing areas
- orientalis* (Newstead) 27 Mexico (Guerrero, Veracruz), United States (FL), Africa, Asia, Australia, Bahamas, Brazil, Caribbean Islands, Colombia, Panama, Venezuela; Pacific Islands
- Aonidomytilus*
- albus* (Cockerell) 4, 27 Mexico (no specific locality) United States (FL), warm areas of Neotropics; Africa, Asia
- concolor* (Cockerell) 4, 27 Mexico (Puebla, Veracruz), United States (AZ, CA, CO, NM, TX)
- insulanus* Ferris 4 Mexico (Baja California, Nayarit)
- peninsularis* (Ferris) 4, 27 Mexico (Baja California), United States (TX)
- Aspidiella*
- sacchari* (Cockerell) 27 Mexico (no specific locality), in nearly all areas where sugarcane is grown
- Aspidiotus*
- destructor* (Signoret) 4, 27 Mexico (Baja California, Chiapas, Guerrero, Jalisco, San Luis Potosí, Sinaloa, Veracruz), nearly cosmopolitan
- excisus* Green 27 Mexico (no specific locality), United States (FL), Neotropics; Asia, Pacific Islands
- nerii* Bouché 4, 27 Mexico (Baja California, Chiapas, Chihuahua, Colima, Distrito Federal, Guanajuato, Jalisco, Mexico, Michoacán, Oaxaca, Puebla, San Luis Potosí, Sinaloa, Veracruz), nearly cosmopolitan
- spinus* Comstock 4, 27 Mexico (Colima, San Luis Potosí), nearly cosmopolitan
- tridentifer* Ferris 27 Mexico (Oaxaca, Veracruz)
- Carulaspis*
- minima* (Targioni Tozzetti) 4 Mexico (no

specific locality), most temperate areas of the world

Chionaspis

etrusca Leonardi 27 Mexico (Chihuahua), United States (AZ, CA, TX); Europe, Africa, Turkey

gilli Liu and Kosztarab 17 Mexico (no specific locality), United States (AZ, CA, NM)

heterophyllae (Cooley) 4, 27 Mexico (no specific locality), United States, Bahamas

longiloba Cooley 27 Mexico (no specific locality), United States

pinifoliae (Fitch) 4, 27 Mexico (Baja California, Distrito Federal, Durango, Mexico, Michoacán, Nuevo Leon, Sinaloa, Zacatecas), United States, Canada, Cuba, El Salvador, Honduras; United Kingdom

platani Cooley 17 Mexico (Nuevo Leon), eastern United States

salicisnigrae (Walsh) 17 Mexico (no specific locality), United States

Chortinaspis

subchortina (Laing) 4, 27 Mexico (Veracruz), United States (AZ, FL, HA, MS, TX), Bahamas, Colombia, Jamaica, Panama, Peru

Chrysomphalus

aonidum (Linnaeus) Mexico (Baja California, Colima, Distrito Federal, Guerrero, Jalisco, Michoacán, Morelos, Nuevo Leon, Oaxaca, Sinaloa, Sonora, Tamaulipas), most tropical and subtropical areas

bifasciculatus Ferris 27 Mexico (no specific locality), southern United States; Asia, Former Soviet Union

dictyospermi (Morgan) 4 Mexico (Chiapas, Chihuahua, Colima, Distrito Federal, Durango, Jalisco, Nayarit, Nuevo Leon, Sinaloa, Sonora, Veracruz), greenhouses and tropical and subtropical areas

Circulaspis

bibursella Ferris 2, 4 Mexico (Colima)

fistulata (Ferris) 2, 4, 27 Mexico (Baja California)

Clavaspis

coursetiae (Marlatt) 4, 27 Mexico (Chihuahua, Queretaro, Sonora), United States (AZ, FL, TX), Panama

covilleae (Ferris) 4, 27 Mexico (Sinaloa, Sonora, Yucatan), United States (CA, AZ, NM)

herculeana (Cockerell and Hadden) 4, 27 Mexico (Chiapas, Tamaulipas), United States (FL, TX, HA), Neotropics; Africa, Asia, Australia, Pacific Islands

pedilanthi (Ferris) 4 Mexico (Baja California), United States (TX)

subs similis (Cockerell) 4, 27 Mexico (Morelos), United States (TX), Guatemala

texana Ferris 4 Mexico (no specific locality), United States (TX)

Comstockiella

sabalis (Comstock) 4, 27 Mexico (Chihuahua, Sinaloa, Veracruz), southern United States, Caribbean; greenhouses in Europe

Crassaspis

maculata Ferris 4 Mexico (Sinaloa)

multi-pora (Ferris) 4, 27 Mexico (Baja California, Sonora), United States (AZ, CA)

Crenulaspidotus

maurellae (Laing) 20 Mexico (Chiapas, Guerrero, Michoacán, San Luis Potosí, Yucatan), Central and South America

Dactylaspis

acuta (Ferris) 4 Mexico (Baja California)

calcarata (Ferris) 4 Mexico (Baja California)

dactylifera Ferris 4 Mexico (Colima)

flaccida Ferris 4 Mexico (Morelos)

serratiloba Ferris 4 Mexico (Guerrero), Panama

Diaspidiotus

aesculi (Johnson) 27 Mexico (no specific locality), western United States, Canada

ancylus (Putnam) 27 Mexico (Distrito Federal, Oaxaca), United States,

- Brazil, Chile, Canada; Australia, South Africa
- bumeliae* Ferris 27 Mexico (no specific locality), United States (KS, OK, TX)
- coniferarum* (Cockerell) 4, 27 Mexico (Baja California), United States
- crescentiae* Ferris 4 Mexico (Sinaloa), Panama
- osborni* (Newell and Cockerell) 4, 27 Mexico (no specific locality), United States, Canada; South Africa
- Diaspis*
- boisduvalii* Signoret 4 Mexico (Chiapas, Distrito Federal, Queretaro, San Luis Potosí, Tamaulipas, Veracruz, Yucatan), nearly cosmopolitan
- bromeliae* (Kerner) 4, 27 Mexico (no specific locality), nearly cosmopolitan
- coccois* Lichtenstein new record Mexico (Chiapas), United States (CA), Jamaica; Algeria, France
- concarpi* McKenzie 4 Mexico (Oaxaca)
- echinocacti* Bouché 27 Mexico (Baja California, Chiapas, Durango, Nayarit, Puebla, Queretaro, San Luis Potosí, Sonora, Tamaulipas, Veracruz, Yucatan), common where ever cactus are grown
- ferrisi* McKenzie 4 Mexico (Oaxaca)
- fraxini* Ferris 4 Mexico (Sonora)
- gilliglyi* McKenzie 4, 27 Mexico (Chihuahua, San Luis Potosí, Veracruz), United States (CA), Belize, Guatemala, Jamaica
- manzanitae* (Whitney) 4, 27 Mexico (no specific locality), United States (CA)
- miranda* (Cockerell) 4 Mexico (Morelos, Veracruz)
- parasiti* McKenzie 4, 27 Mexico (Baja California), United States (CA)
- radicicola* Ferris 27 Mexico (Nuevo Leon), United States (TX); Algeria
- simmondsiae* Ferris 4, 27 Mexico (Baja California, Sonora), United States (AZ)
- texensis* (Cockerell) 4, 27 Mexico (Coahuila, Jalisco, Nuevo Leon, Oaxaca), United States (TX)
- toumei* Cockerell 27 Mexico (no specific locality), United States (AZ, TX)
- townsendi* Cockerell 4 Mexico (Baja California, Guanajuato, Jalisco, Nayarit)
- Duplaspidiotus*
- fossor* (Newstead) 4 Mexico (no specific locality), Barbados, Brazil
- tesseratus* (Grandpre and Charmoy) 4, 27 Mexico (Distrito Federal, Veracruz), nearly pantropical
- Epidiaspis*
- baccharidis* (Townsend and Cockerell) 4 Mexico (Mexico)
- leperii* (Signoret) 27 Mexico (no specific locality), United States (CA, CT, MD, NY, RI), Argentina, Chile, Uruguay; Africa, Asia, southern Europe
- michoacana* Ferris 4 Mexico (Michoacán, Morelos) Panama
- montana* (Cockerell) 27 Mexico (Michoacán), United States (AZ, NM)
- peragrata* Ferris 4 Mexico (Colima, Sinaloa), Panama
- persimilis* (Cockerell) 4 Mexico (Campeche, Morelos)
- Exuviaspis*
- enceliae* Ferris 4, 27 Mexico (Baja California), United States (CA)
- Ferrisidea*
- dentiloba* (Cockerell) 4 Mexico (Morelos, Puebla, Oaxaca)
- magna* (Ferris) 27 Mexico (Baja California), United States (CA, TX)
- prosopidis* (Ferris) 4 Mexico (Baja California)
- Fiorinia*
- fioriniae* (Targioni Tozzetti) 4, 27 Mexico (Chihuahua, Nuevo Leon, Veracruz), widespread in greenhouses and warm areas
- thae* Green 27 Mexico (Tamaulipas), eastern United States, Neotropics; Africa, Asia, Australia, Europe, Pacific Islands
- Furcaspis*
- biformis* (Cockerell) 27 Mexico (Coli-

ma), United States (FL, HA), Neotropics; Asia, Australia

Haliaspis

distichlii (Ferris) 4 Mexico (Baja California)

milleri Howell 12 Mexico (Puebla)

Helaspis

mexicana McKenzie 4 Mexico (Sinaloa)

Hemiberlesia

candidula (Cockerell) 4, 27 Mexico (no specific locality), United States (CA, AZ)

cupressi (Cockerell) 4 Mexico (Mexico)

diffinis (Newstead) 4, 27 Mexico (Chiapas, Coahuila, Jalisco, Morelos, Sinaloa, Tabasco, Tamaulipas), United States, Neotropics

lataniae (Signoret) 4 Mexico (Baja California, Chihuahua, Chiapas, Coahuila, Distrito Federal, Durango, Guanajuato, Jalisco, Mexico, Michoacán, Nuevo Leon, Oaxaca, Puebla, Queretaro, San Luis Potosí, Sinaloa, Tabasco, Tamaulipas, Veracruz, Zacatecas), greenhouses and tropical and subtropical areas

palmae (Cockerell) 4, 27 FL, Mexico (Veracruz), tropical and subtropical areas

popularum (Marlatt) 27 Mexico (Durango, San Luis Potosí, Sinaloa), western United States, Canada

rapax (Comstock) 4, 27 Mexico (Chihuahua, Guanajuato, Jalisco, Mexico, Michoacán, Puebla, Sinaloa, Sonora, Zacatecas), nearly cosmopolitan

Howardia

biclavis (Comstock) 4, 27 Mexico (Jalisco, Tabasco, Veracruz), most tropical and subtropical areas

Ischnaspis

longirostris (Signoret) 27 Mexico (Chiapas, Distrito Federal, Oaxaca, Sinaloa, Veracruz), most tropical and subtropical areas, greenhouses elsewhere

Lapazia

obtecta (Ferris) 4 Mexico (Baja California)

Lepidosaphes

beckii (Newman) 27 Mexico (Colima, Distrito Federal, Sinaloa), most citrus growing areas

camelliae Hoke 27 Mexico (no specific locality), United States; Asia

gloverii (Packard) 4 Mexico (Colima, Guerrero, Nayarit, Nuevo Leon, Sinaloa, Tamaulipas, Veracruz), most citrus growing areas

tokionis (Kuwana) 4, 27 Mexico (Colima, Guerrero, Nayarit, Sonora), Neotropics; Africa, Asia, Australia, Pacific Islands

ulmi (Linnaeus) 27 Mexico (no specific locality), most temperate areas

Lindingaspis

rossi (Maskell) 27 Mexico (Baja California), United States (CA, HA), Argentina, Brazil, Chile, Peru; Africa, Asia, Australia, southern Europe, New Caledonia, New Zealand

Lopholeucaspis

cockerelli (Grandpré and Charmoy) 27 Mexico (no specific locality) FL, HA, Neotropics; Africa, Asia, Australia, Europe, Pacific Islands

Manacaspis

piriformis Ferris 4 Mexico (Colima)

Melanaspis

bromiliae (Leonardi) 6, 27 Mexico (Oaxaca, Sonora, Veracruz), most tropical and subtropical areas, cosmopolitan

calura (Cockerell) 4, 6 Mexico (Distrito Federal, Veracruz), Costa Rica, Cuba, Guatemala, Haiti, Honduras, El Salvador; Philippines

coccolobae Ferris 6 Mexico (Chiapas, Colima, Guerrero, Morelos, Nayarit, Oaxaca, Sinaloa, Veracruz, Yucatan), United States (FL), Caribbean Islands, Central America, Venezuela

deliquescens Ferris 6 Mexico (Durango), United States (TX)

eglandulosa (Lindinger) 6 Mexico (no specific locality), United States (DC), Jamaica, Guatemala

elaeagni McKenzie 6 Mexico (Chiapas),

- United States (LA, TX), Costa Rica, Guatemala, Honduras
- enceliae* (Ferris) 4, 6 Mexico (Baja California)
- frankinae* Ferris 4, 6 Mexico (Baja California)
- indurata* (Ferris) 6 Mexico (Baja California)
- latipyga* Ferris 4, 6, 27 Mexico (Oaxaca), United States (TX), Guatemala, Panama
- leivasi* (Costa Lima) 4, 6 Mexico (Guerrero, Michoacán), Brazil, Guatemala, Panama
- lilacina* (Cockerell) 4, 6 Mexico (Baja California), United States (AZ, CA, NM)
- mimosae* (Comstock) 4, 6, 27 Mexico (Tamaulipas), United States (AZ, CA, FL)
- nigropunctata* (Cockerell) 4, 6, 27 Mexico (Distrito Federal, Guerrero, Hidalgo, Jalisco, Mexico, Michoacán, Morelos, Puebla) United States (FL, SC, TX, VA), Costa Rica, Guatemala, Panama, Puerto Rico
- odontoglossi* (Cockerell) 4, 6, 27 Mexico (Oaxaca), United States (FL), Ecuador, Honduras, Jamaica, Panama, Puerto Rico, Trinidad
- pinicola* Deitz and Davidson 6 Mexico (Chiapas), Guatemala
- ponderosa* Ferris 6 Mexico (Distrito Federal), Colombia, Panama
- reticulata* Ferris 4, 6 Mexico (Mexico)
- rotunda* Ferris 4, 6 Mexico (Michoacán)
- sacculata* Ferris 4, 6 Mexico (Guerrero)
- smilacis* (Comstock) 4, 6, 27 Mexico (Baja California, Chihuahua, San Luis Potosí) United States
- squamea* Ferris 6 Mexico (Oaxaca), Guatemala, Panama
- sulcata* Ferris 4, 6 Mexico (Colima, Guerrero, Jalisco, Nayarit, Oaxaca, Veracruz), Cuba, Jamaica, Panama; Germany, Japan, Philippines
- tenax* McKenzie 6 Mexico (Chiapas, San Luis Potosí, Veracruz), United States (FL), Neotropics
- tenebricosa* (Comstock) 4, 6, 27 Mexico (Tabasco), United States, Panama
- tricuspis* Ferris 4, 6 Mexico (Colima)
- Morganella*
- cueroensis* (Cockerell) 4, 27 Mexico (Michoacán), southeastern United States
- longispina* (Morgan) 4, 27 Mexico (no specific locality), United States (FL, HA), Neotropics; Africa, Asia, Australia, Pacific Islands
- Mycetaspis*
- apicata* (Newstead) 4, 27 Mexico (Chiapas, Veracruz) United States (TX), Brazil, Guyana, Panama
- defectopalus* Ferris 4, 27 Mexico (no specific locality), United States (FL, TX), Central and South America
- personata* (Comstock) 4, 27 Mexico (Chihuahua, Distrito Federal, Guerrero, Morelos, Nuevo Leon, Coahuila, San Luis Potosí, Sonora, Tabasco, Yucatan), United States (FL, HA), most tropical areas
- sphaerioides* (Cockerell) 4, 27 Mexico (Chihuahua, Coahuila, Colima, Distrito Federal, Nuevo Leon, San Luis Potosí), United States (LA), Guatemala, Panama
- Mytilaspis*
- mexicana* Cockerell 4 Mexico (Morelos)
- Nicholiella*
- digitata* Ferris 4 Mexico (Guerrero)
- Niveaspis*
- argentata* (Cockerell) 4 Mexico (no specific locality), Brazil, Panama
- cattleyae* Lepage 4 Mexico (Chiapas, Distrito Federal, Veracruz), Argentina, Brazil
- fenestrata* Ferris 4 Mexico (no specific locality), Panama
- townsendiana* (Cockerell) 4 Mexico (Colima, Sinaloa)
- Nuculaspis*
- apacheca* Ferris 27 Mexico (Chihuahua), United States (AZ), Guatemala
- californica* (Coleman) 4, 27 Mexico (Nuevo Leon), United States, Canada

Odonaspis

benardi Balachowsky 2 Mexico (Veracruz), United States (TX), Costa Rica, Cuba, Guatemala, Honduras, Martinique, Panama

graminis Bremner 2, 4, 27 Mexico (Mexico), United States (CA)

litorosa Ferris 2, 4, 27 Mexico (Baja California), United States (AZ, CO, TX), Panama

ruthae Kotinsky 2, 27 Mexico (Chihuahua, Sonora, Tamaulipas, Veracruz), United States (HA), southern United States, Neotropics; Africa, Australia, Israel, Pacific Islands, Pakistan, Sri Lanka

Opuntiaspis

carinata (Cockerell) 4, 27 Mexico (Coahuila, Guerrero, Jalisco, Morelos, Nuevo Leon, Oaxaca, San Luis Potosí, Tamaulipas, Veracruz), United States (FL, TX), Belize, Guatemala, Peru

javanensis Green 26 Mexico (Puebla); Java

philococcus (Cockerell) 4 Mexico (Coahuila, Distrito Federal, Oaxaca, Puebla, Querotaro, San Luis Potosí, Tamaulipas, Veracruz)

Parlatoria

camelliae Comstock 27 Mexico (no specific locality), United States, Argentina, Chile; Abkhazia, Asia, Europe

cinerea Hadden 4 Mexico (Baja California, Colima, Guerrero), most citrus growing areas, except United States

crotonis Douglas 27 Mexico (no specific locality), United States (FL, HA, LA), Neotropics; Africa, Asia, Pacific Islands, greenhouses elsewhere

oleae (Colveé) 27 Mexico (Chihuahua), most subtropical areas

pergandii Comstock 4 Mexico (Chihuahua, Coahuila, Distrito Federal, Oaxaca, San Luis Potosí, Sinaloa, Tamaulipas, Veracruz), most tropical and subtropical areas

proteus (Curtis) 4, 27 Mexico (Colima, Guerrero, San Luis Potosí, Tamaulipas), most tropical and subtropical areas

pas), most tropical and subtropical areas

Pinnaspis

aspidistrae (Signoret) 4 Mexico (Colima, Guerrero, Tamaulipas, Veracruz), most tropical and subtropical areas, greenhouses elsewhere

buxi (Bouché) 27 Mexico (Chihuahua, Veracruz), most tropical and subtropical areas

strachani (Cooley) 4 Mexico (Baja California, Campeche, Chihuahua, Colima, Coahuila, Distrito Federal, Durango, Guerrero, Jalisco, Michoacán, Nayarit, Oaxaca, San Luis Potosí, Sinaloa, Tamaulipas, Veracruz), most tropical and subtropical areas, greenhouses elsewhere

Protodiaspis

agrifoliae Essig 27 Mexico (no specific locality), United States (CA)

colimae Ferris 4 Mexico (Colima, Michoacán), Panama

infidelis Ferris 4 Mexico (Guerrero), Guatemala, Panama

lagunae Ferris 4 Mexico (Baja California)

parvula Cockerell 4 Mexico (Mexico)

praetexta Ferris 4 Mexico (Oaxaca)

pulchra Ferris 4, 27 Mexico (Oaxaca), United States (AZ)

sulcata Ferris 4 Mexico (Guerrero)

vara Hoke 4, 27 Mexico (Mexico), United States (AR, MS, TN, TX)

Pseudaonidia

trilobitiformis (Green) 27 Mexico (Chihuahua, Guerrero), United States (FL), most tropical and subtropical areas

Pseudischnaspis

acephala Ferris 21 Mexico (no specific locality), Colombia, Panama, Peru

bowreyi (Cockerell) 4, 21, 27 Mexico (Michoacán, Tabasco, Yucatan), United States (FL), Neotropics

Pseudodiaspis

elaphrii Ferris 4 Mexico (Baja California)

Pseudoparlatoria

browni McKenzie 4 Mexico
carolilehmanni Balachowsky new record
 Mexico (Nayarit), Colombia, Ecuador, Guatemala

elongata Ferris 4 Mexico (Distrito Federal ?)

fusca Ferris 4 Mexico (Veracruz), Colombia

maculata Ferris 4 Mexico (Guerrero)

ostreata Cockerell 4, 27 Mexico (no specific locality), United States (FL), Neotropics; Africa, Europe in greenhouse

parlatorioides (Comstock) 4 Mexico (Chiapas, Chihuahua, Distrito Federal, Durango, Jalisco, Oaxaca, Puebla, Sinaloa, Tamaulipas, Veracruz), United States (AL, FL, GA, HA, TX), Neotropics; New Zealand, Spain, Sri Lanka, greenhouses elsewhere

perparvula Ferris 4 Mexico (Colima, Guanajuato, Jalisco, Nayarit, Veracruz)

petasata Ferris 4 Mexico (Veracruz)

punctata Ferris 4 Mexico (Guerrero)

serrulata Townsend and Cockerell 4 Mexico (Morelos, Sonora)

Quadraspidotus

forbesi (Johnson) 4, 27 Mexico (Chihuahua, Coahuila, Sonora) United States, Canada; South Africa

juglansregiae (Comstock) 27 Mexico (no specific locality), United States, Canada

perniciosus (Comstock) 4, 27 Mexico (Baja California, Chihuahua, Coahuila, Morelos, Nuevo Leon, Puebla, Sonora), most temperate areas

Quernaspis

quercus (Comstock) 27 Mexico (no specific locality), United States

Rhizaspidotus

dearnessi (Cockerell) 4, 27 Mexico (San Luis Potosí, Veracruz), United States, Canada, Cuba

Rugaspidotinus

circumdatus (Ferris) 4 Mexico (Baja California)

fuscitatis (Ferris) 4 Mexico (Baja California)

Rugaspidotus

arizonicus (Cockerell) 4, 27 Mexico (Baja California), United States (AZ, CA)

sculpturatus Ferris 4, 27 Mexico (Baja California), United States (AZ)

Scytalaspis

quadriclavata Ferris 4 Mexico (Guerrero)

Selenaspidopsis

browni Nakahara 28 Mexico (Chiapas, Distrito Federal, Veracruz)

mexicana Nakahara 28 Mexico (Veracruz)

Selenaspidus

articulatus (Morgan) 4 Mexico (Chiapas, Distrito Federal, Puebla, Veracruz), United States (FL), Neotropics; Africa, Fiji, Guam, Philippines

Situlaspis

ruelliae (Ferris) 4 Mexico (Baja California)

yuccae (Cockerell) 4, 27 Mexico (Baja California, Chihuahua, Distrito Federal, Sonora), United States (AZ, CA, FL, NM, OK, TX)

Stramenaspis

kelloggi (Coleman) 27 Mexico (Jalisco, Puebla), United States (AZ, CA, NM, TX, WA)

Targionia

bigeloviae (Cockerell) 27 Mexico (Veracruz), United States (CA, TX)

yuccarum (Cockerell) 4, 27 Mexico (Baja California), United States (AZ, NM, TX)

Unaspis

citri (Comstock) 4 Mexico (Distrito Federal, Puebla, Veracruz), United States (FL, LA), most citrus areas

euonymi (Comstock) 4 Mexico (no specific locality), most areas where euonymous is grown

Velataspis

anasterias Ferris 27 Mexico (Baja Cali-

- fornia), United States (TX), Nicaragua, Panama
mimosarum (Cockerell) 4, 27 Mexico (Jalisco, Oaxaca), United States (NM, TX), Guatemala
- Vinculaspis*
laniata (Ferris) 4 Mexico (Oaxaca)
virgata (Ferris) 4 Mexico (Colima), Panama
- Xanthophthalma*
concinnum Cockerell and Parrott 4 Mexico (Chiapas, Veracruz), Colombia, Cuba, Honduras, Panama
- Xerophilaspis*
prosopidis (Cockerell) 4, 27 Mexico (Sonora), United States (AZ, CA, TX)

Eriococcidae

- Acanthococcus*
araucariae (Maskell) 13 Mexico (Distrito Federal), wherever *Araucaria* is grown
aureescens Cockerell 13 Mexico (Platanas) **n. comb.**
coccineus (Cockerell) 13 Mexico (Chihuahua, Coahuila, Queretaro, San Luis Potosí, Tamaulipas, Veracruz, Zacatecas), wherever cactus is grown
dubius (Cockerell) 13, 21 Mexico (San Luis Potosí), warm areas of United States
gerbergi (McDaniel) 13, 22 Mexico (Distrito Federal), United States (AZ, ID, NV, UT)
larreae (Parrott and Cockerell) 13, 22 Mexico (Baja California), United States (CA, NV, NM, TX)
palmeri Cockerell 13, 22 Mexico (Baja California) **n. comb.**
paucispinus Ferris 13 Mexico (Baja California) **n. comb.**
quercus (Comstock) 13, 22 Mexico (no specific locality), United States
shiraiwai Kuwana 13 Mexico (no specific locality) **n. comb.**
tillandsiae Ferris 13 Mexico (Baja California) **n. comb.**

- Capulinia*
sallei Signoret 13 Mexico (Arroyo San Isidro), Cuba
- Carpochloroides*
mexicanus Ferris 13 Mexico (Oaxaca)
- Oregmopyga*
peninsularis (Ferris) 13 Mexico (Baja California)
- Xerococcus*
fouquieriae Ferris 13 Mexico (Baja California)

Halimococcidae

- Colobopyga*
attaleae (Stickney) 4 Mexico (Colima)
sabalis (Ferris) 4 Mexico (Oaxaca)
washingtoniae (Ferris) 4 Mexico (Baja California)

Kermesidae

- Allokermes*
galliformis (Riley) 17 Mexico (Oaxaca), United States
grandis (Cockerell) 17 Mexico (Mexico)
- Kermes*
nigropunctatus Ehrhorn and Cockerell 17 Mexico (Chihuahua), United States (CA)
- Olliffiella*
secunda Ferris 17 Mexico (Guerrero)

Lecanodiaspididae

- Lecanodiaspis*
dendrobii (Douglas) 11 Mexico (no specific locality), Argentina, Colombia, Guatemala, Guyana, Honduras, Venezuela
partheniae Howell and Kosztarab 11 Mexico (Coahuila, San Luis Potosí)
prosopidis (Maskell) 11 Mexico (Coahuila, Oaxaca, Sonora), United States
rufescens (Cockerell) 11 Mexico (no specific locality), United States (AZ, CA, CO, NM), Chile
tapirirae Ferris and Kelly 11 Mexico (Baja California)

Margarodidae

Cryptokermes

mexicanus Morrison 24 Mexico (Jalisco, Morelos)

Icerya

colimensis Cockerell 24 Mexico (Colima, Mexico)

littoralis Cockerell 24 Mexico (Guerrero, Tabasco)

littoralis mimosae Cockerell 24 Mexico (no specific locality)

littoralis tonilensis Cockerell 24 Mexico (Jalisco)

montserratensis Riley and Howard 24 Mexico (no specific locality), Caribbean, Central America, Colombia

palmeri Riley and Howard 24 Mexico (Baja California, Sonora)

purchasi Maskell 24 Mexico (Chihuahua, Morelos, Nuevo Leon, Puebla, Sonora, Tamaulipas), most tropical and subtropical areas

rileyi Cockerell new record Mexico (Chihuahua), southwestern United States

rileyi larreae Cockerell 24 Mexico (Chihuahua)

Llaveia

axin (Llave) 24 Mexico (Veracruz), Panama

mexicanorum Cockerell 24 Mexico (Mixcoac-a hill)

oaxacoensis Morrison 24 Mexico (Oaxaca)

Marchalina

azteca Ferris 24 Mexico (Distrito Federal)

Matsucoccus

leiophyllae Ray and Williams 30 Mexico (Distrito Federal), United States (AZ)

Neosteingelia

texana Morrison Mexico (Chiapas), eastern United States

Protortonia

primitiva (Townsend) 24 Mexico (Morelos)

Steatococcus

mexicanus (Cockerell) 24 Mexico (Baja California)

morrilli (Cockerell) Mexico (no specific locality), United States (AZ, CA, NM)

tabernicolus Ferris 24 Mexico (Chihuahua)

Ortheziidae

Newsteadia

tristani Silvestri 25 Mexico (Chiapas), Costa Rica

Nipponorthezia

obscura Morrison 25 Mexico (no specific locality), United States (FL, IL, PA, SC, VA), Guatemala

Orthezia

acapulcoa Morrison 25 Mexico (Guerrero)

cacticola Morrison 25 Mexico (Queretaro)

caudata Ferris 23 Mexico (Baja California)

ferrisi Morrison 25 Mexico (Baja California, Sonora)

insignis Browne 25 Mexico (Chihuahua, Guanajuato, Michoacán, Veracruz, Zacatecas), most tropical and subtropical areas

lasiorum Cockerell 25 Mexico (no specific locality), United States (NM)

mexicana Morrison 23 Mexico (no specific locality)

pini Morrison 25 Mexico (Guerrero)

pinicola Morrison 25 Mexico (Durango, Morelos)

praelonga Douglas 25 Mexico (Guerrero), Central America, Colombia, Venezuela

pseudinsignis Morrison 25 AZ, Mexico (Baja California, Jalisco, Sonora, Veracruz), Guatemala, Peru

selaginella Morrison 25 Mexico (Guanajuato)

smythi Morrison 25 Mexico (Distrito Federal)

sonorensis Cockerell 23 Mexico (Sonora)

Pseudococcidae

Amonostherium

lichtensioides (Cockerell) 19, 33 Mexico (Coahuila), United States (CA, CO, NM, NV, TX)

Anisococcus

milleri Williams and Granara de Willink 33 Mexico (Puebla, Tamaulipas)

Antonina

graminis (Maskell) 33 Mexico (Chihuahua, Michoacán, Nayarit, Nuevo Leon, Oaxaca, Puebla, Sinaloa, Tamaulipas, Veracruz), nearly cosmopolitan

nortoni Parrott and Cockerell 8, 33 Mexico (no specific locality), United States (AZ, KS, TX)

Antoninoides

parrotti (Cockerell) 8, 33 Mexico (Nuevo Leon), United States (KS, TX)

Cataenococcus

cualatensis (Cockerell) 33 Mexico (Colima)

ductorum Williams and Granara de Willink 33 Mexico (no specific locality)

guatemalensis Ferris 33 Mexico (Chiapas, Distrito Federal, Oaxaca, Puebla, San Luis Potosí, Veracruz), Central America, Brazil, Colombia, Dominican Republic, Jamaica

ingrandi Balachowsky 33 Mexico (no specific locality), Colombia, Costa Rica, Guatemala, Panama

larai Williams 33 Mexico (no specific locality), Colombia, Costa Rica

olivaceus (Cockerell) 19, 33 Mexico (Morelos), United States (CA, FL, TX)

Chorizococcus

rostellum (Lobdell) 19, 33 Mexico (Nayarit, Sonora), United States (CA, LA, MD, MS), Argentina, Brazil; Australia, Italy

triumfoensis Williams and Granara de Willink 33 Mexico (Baja California)

Distichlicoccus

sahuayoensis Williams and Granara de Willink 33 Mexico (Michoacán)

salinus (Cockerell) 19, 33 Mexico (Baja California), United States (CA)

sinaloanus Williams and Granara de Willink 33 Mexico (Sinaloa)

zacapuensis Williams and Granara de Willink 33 Mexico (Michoacán)

Dysmicoccus

bispinosus Beardsley 33 Mexico (Oaxaca), most of Central & South America, Caribbean Islands

boninsis (Kuwana) 33 Mexico (Tamaulipas), most areas where sugarcane is grown

brevipes (Cockerell) 33 Mexico (Chihuahua, Colima, Distrito Federal, Hidalgo, Jalisco, Nayarit, Oaxaca, Veracruz), warm areas of the world

grassi (Leonardi) 33 Mexico (Tamaulipas, Veracruz), United States (FL), Caribbean Islands, most of Central America, northern South America; Canary Islands

hurdi McKenzie 33 Mexico (Veracruz)

mackenziei Beardsley 19, 33 Mexico (Chiapas, Veracruz), United States (CA), Central America, Ecuador, Jamaica

neobrevipes Beardsley 33 Mexico (no specific locality), Caribbean Islands, most of Central & South America; Asia, Pacific Islands

pinicolus McKenzie 19, 33 Mexico (Tlaxcala), United States (CA, NV)

texensis (Tinsley) 8, 33 Mexico (Veracruz), United States (TX)

Ehrhornia

cupressi (Ehrhorn) 19, 33 Mexico (Baja California), United States (CA, OR)

Ferrisia

consobrina Williams and Watson 33 Mexico (Because of the numerous misidentifications of *F. consobrina* as *F. virgata* no specific locality information is given for this species or *F. virgata*) Argentina, Bahamas, Bermuda, Cuba, Jamaica, Peru, Trinidad

virgata (Cockerell) 33 Mexico (no spe-

cific locality), most warm areas of the world

Geococcus

coffea Green 33 Mexico (no specific locality), most tropical areas

Heliococcus

corralesi Williams and Granara de Willink 33 Mexico (Coahuila)

deserticola Miller 33 Mexico (Michoacán), United States (CA, NV, TX)

Humococcus

atriplicis Ferris 19, 33 Mexico (no specific locality), United States (CA, TX)

hilariae (Ferris) 19, 33 Mexico (Chihuahua), United States (CA, NM, TX)

yenseni Williams and Granara de Willink 33 Mexico (Sonora)

Hypogeococcus

boharti Miller 33 Mexico (Oaxaca, Veracruz), Belize, El Salvador, Guatemala, Honduras, Panama

othnius Miller and McKenzie 33 Mexico (Chiapas, Oaxaca) Central America, Ecuador, Venezuela

spinus Ferris 19, 33 Mexico (no specific locality), United States (CA, TX), Argentina, Brazil, Venezuela

Lachnodiella

mexicana Ferris 33 Mexico (Tamaulipas)

Nipaecoccus

cercidii Williams and Granara de Willink 33 Mexico (Baja California)

filamentosus (Cockerell) 7, 33 Mexico (Baja California), Haiti; Turks and Caicos Islands

filicis Williams and Granara de Willink 33 Mexico (Puebla)

gilli Williams and Granara de Willink 33 Mexico (Sinaloa, Veracruz)

jonmartini Williams and Granara de Willink 33 Mexico (Jalisco), Colombia, Costa Rica, Ecuador, El Salvador, Panama, Venezuela

kosztaraborum Williams and Granara de Willink 33 Mexico (Morelos), Costa Rica

neogaeus Williams and Granara de Wil-

link 33 Mexico (no specific locality), Brazil, Colombia, Trinidad

nipae (Maskell) 33 Mexico (Chiapas, Jalisco, Puebla, Tabasco, Veracruz), most tropical areas of the world

zapotlanus (Cockerell) 33 Mexico (Jalisco)

Palmicultor

palmarum (Ehrhorn) 33 Mexico (no specific locality), Bahamas, Bermuda, Jamaica; Pacific Islands

Paracoccus

alazanensis Williams and Granara de Willink 33 Mexico (Veracruz)

baccharidicola Williams and Granara de Willink 33 Mexico (Hidalgo)

circuliprivis Ezzat and McConnell 33 Mexico (San Luis Potosí)

ferrisi Ezzat and McConnell 33 Mexico (Chihuahua, Jalisco, Nayarit, Nuevo Laredo, Sonora, Yucatan)

hamoni Williams and Granara de Willink 33 Mexico (no specific locality)

herreni Williams and Granara de Willink 33 Mexico (Chiapas), Colombia, Nicaragua

juniperi (Ehrhorn) 33 Mexico (Distrito Federal), western United States

lycopersici Ezzat and McConnell 33 Mexico (Colima, Guerrero, Jalisco, Nayarit, Puebla, Tabasco, Tamaulipas), Chile

marginatus Williams and Granara de Willink 33 Mexico (Baja California, Veracruz), Belize, Costa Rica, Guatemala

mexicanus Ezzat and McConnell 33 Mexico (Michoacán)

oneratus Williams and Granara de Willink 33 Mexico (no specific locality)

ordinis Williams and Granara de Willink 33 Mexico (Mexico)

reductus (Ferris) 33 Mexico (Baja California), United States (CA)

salviacola Williams and Granara de Willink 33 Mexico (Michoacán)

solani Ezzat and McConnell 33 Mexico (Sinaloa), Costa Rica, Peru

townsendi (Cockerell) 19, 33 Mexico

- (Chihuahua, Coahuila, San Luis Potosí, Zacatecas), United States (NM, TX)
- villanuevai* (Miller and McKenzie) 33 Mexico (Veracruz)
- Phenacoccus*
- capensis* Ferris 33 Mexico (Baja California)
- defectus* Ferris 19, 33 Mexico (Coahuila), United States (CA)
- eremicus* Ferris 19, 33 Mexico (no specific locality), United States (CA), Argentina
- eschscholtziae* McKenzie 19, 33 Mexico (Querétaro), United States (CA)
- franseriae* Ferris 33 Mexico (Baja California, Morelos)
- gossypii* Townsend and Cockerell 33 Mexico (Tabasco), southern United States
- gregosus* Williams and Granara de Wilink 33 Mexico (Chiapas, Colima), Costa Rica
- helianthi* (Cockerell) 33 Mexico (Michoacán), southern United States
- hurdi* McKenzie 33 Mexico (Baja California), southern United States
- incomptus* McKenzie 33 Mexico (no specific locality)
- madeirensis* Green 33 Mexico (no specific locality), Caribbean Islands, Central and South America; Africa, Pacific Islands
- mexicanus* (Miller and McKenzie) 33 Mexico (Tlaxcala)
- parvus* Morrison 33 Mexico (no specific locality), Caribbean Islands, Central and South America
- psidiarum* (Cockerell) 33 Mexico (Jalisco)
- solani* Ferris 33 Mexico (Chihuahua, Distrito Federal, Michoacán, Nuevo Leon, Sonora, Tamaulipas, Yucatan), most of United States, Brazil, Curacao, Guatemala, Trinidad, Venezuela; Kiribati, Micronesia, South Africa, Zimbabwe
- solenopsis* Tinsley 19, 33 Mexico (Baja California, Colima, Nuevo Leon, Quintana Roo, Sinaloa, Sonora), southern United States, Cuba, Dominican Republic, Ecuador, Panama
- Planococcus*
- citri* (Risso) 33 Mexico (probably occurs in every state in Mexico), cosmopolitan
- minor* (Maskell) 33 Mexico (no specific locality), most tropical areas except continental Africa, not in United States
- Porococcus*
- pergandei* Cockerell 33 Mexico (Morelos)
- tinctorius* Cockerell 33 Mexico (Mexico)
- Prorhizoecus*
- atopoporus* Miller and McKenzie 33 Mexico (Puebla)
- Pseudantonina*
- texana* Ferris 33 Mexico (Mexico), United States (TX)
- Pseudococcus*
- agavis* MacGregor 33 Mexico (Michoacán, Mexico)
- calceolariae* (Maskell) 33 Mexico (no specific locality), United States (CA), Chile; Australia, England, South Africa
- comstocki* (Kuwana) 33 Mexico (Chihuahua), eastern US, CA, NM, Argentina, Canada; Europe, Far East
- elisae* Borchsenius 33 Mexico (Chiapas, Chihuahua), United States (HA), most tropical areas except Africa
- longispinus* (Targioni Tozzetti) 33 Mexico (probably occurs in every state in Mexico), cosmopolitan
- microcirculus* McKenzie 33 Mexico (Morelos, San Luis Potosí, Veracruz), United States in greenhouses, Neotropics; Belgium, United Kingdom
- viburni* (Signoret) new record Mexico (Baja California, Sinaloa, Querétaro), nearly cosmopolitan
- Puto*
- ambiguus* (Fullaway) 33 Mexico (Baja California), United States (CA)
- californicus* McKenzie 19, 33 Mexico

- (Baja California), United States (CA)
- lasiorum* (Cockerell) 33 Mexico (Puebla, Tlaxcala), United States (NM)
- mexicanus* (Cockerell) 7, 33 Mexico (Baja California, Chihuahua, Distrito Federal, Durango, Guanajuato, Jalisco, Michoacán, Morelos, Nuevo Leon, Oaxaca, Sinaloa, Tamaulipas, Tlaxcala, Veracruz), United States (AZ)
- orthezoides* (Cockerell) 33 Mexico (Guanajuato)
- simmondsiae* McKenzie 19, 33 Mexico (Sonora), United States (CA)
- ulter* Ferris 33 Mexico (no specific locality), Guatemala, Venezuela
- yuccae* (Coquillett) 33 Mexico (no specific locality), southwestern United States
- Radicoccus*
- kelloggi* (Ehrhorn and Cockerell) 33 Mexico (Nuevo Leon, Tlaxcala), United States (CA, CT, NJ)
- Rhizococcus*
- americanus* (Hambleton) 9, 33 Mexico (Veracruz), United States (FL), Caribbean Islands, Central America, Colombia, Ecuador
- apizacos* Hambleton 9, 33 Mexico (Tlaxcala)
- associatus* (Hambleton) 9, 19, 33 Mexico (Mexico), United States (CA), Guatemala
- cyperalis* (Hambleton) 9, 33 Mexico (no specific location), El Salvador
- disjunctus* McKenzie 9, 33 Mexico (Puebla), United States (CA)
- falcifer* Kunckel d'Hercule 9, 33 Mexico (no specific locality), United States (CA, FL, MO, NJ, NY), Surinam, Trinidad; Europe
- gracilis* McKenzie 9, 33 Mexico (Mexico, Tlaxcala, Veracruz), western United States, VA
- leucosomus* (Cockerell) 9, 33 Mexico (Veracruz), United States
- macgregori* Hambleton 33 Mexico (Michoacán)
- menkei* McKenzie 33 Mexico (Nayarit)
- mexicanus* (Hambleton) 33 Mexico (no specific locality)
- neomexicanus* McKenzie 33 Mexico (Veracruz)
- neostangei* Miller and McKenzie 33 Mexico (Veracruz)
- ovatus* Hambleton 33 Mexico (no specific locality)
- pauciporus* Hambleton 33 Mexico (Chiapas)
- polyporus* Hambleton 33 Mexico (Sonora)
- solani* (Hambleton) 33 Mexico (Tamaulipas), Guatemala
- spinipes* (Hambleton) 9, 33 Mexico (Veracruz), United States (AK, FL, GA)
- stangei* McKenzie 33 Mexico (Nayarit)
- tropicalis* Hambleton 33 Mexico (Veracruz), Guatemala
- Saccharicoccus*
- sacchari* (Cockerell) 33 Mexico (Chihuahua, Sinaloa, Veracruz), nearly all areas where sugar cane is grown
- Spilococcus*
- erigoni* (Ehrhorn) 19, 33 Mexico (Baja California), United States (CA, MD, TX)
- larreae* Ferris 19, 33 Mexico (Chihuahua), United States (AZ, CA)
- mamillariae* (Bouché) 33 Mexico (Veracruz), nearly all areas where cacti are grown
- sequoiae* (Coleman) 33 Mexico (Baja California), United States (CA)
- steelii* (Cockerell and Townsend) 7, 33 Mexico (Chihuahua), United States (NM, TX)
- Syrmococcus*
- pecosensis* Ferris 8, 33 Mexico (Durango, Nayarit), United States (TX)
- Trionymus*
- coronus* Miller and McKenzie 33 Mexico (Veracruz)
- Tachardiidae
- Austrotachardiella*
- nigra* (Townsend and Cockerell) 14, 32 Mexico (Jalisco)

rotundata (Cockerell) 14, 32 Mexico (Jalisco)

Tachardiella

cornuta (Cockerell) 14, 32 Mexico (Chihuahua), United States (NM, TX)

ferrisi Chamberlin 14, 32 Mexico (Baja California)

fulgens (Cockerell) 14, 32 Mexico (Sonora), United States (AZ)

ingae (Hempel) 32 Mexico (no specific locality), United States (AZ, CA, NV), Brazil

larreae (Comstock) 14 Mexico (Sonora), southwestern United States

mexicana (Comstock) 14 Mexico (Oaxaca), United States (TX)

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